

# 2003 Building Bridges Conference:

## Building Quality Systems



### *Haven't Registered? It's Not Too Late!*

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Space is still available in both of the Pre-Conference Workshops. The registration deadline has been extended through November 7. You need not register for the conference in order to attend either of the pre-conferences. Use the Registration Form below to register for either pre-conference workshop, as well as the Building Bridges Conference, and fax your completed form today!

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#### **Pre-Conference 1: Using High Schools That Work Assessment Data**

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Presenters: Alice Presson, Director of Research, HSTW  
Catherine Dunham, Director of Assessment  
Southern Regional Education Board, Atlanta, GA

Sunday, November 16, 2003; 9:30 a.m. – 4:30 p.m.  
COST: \$30/person. Includes lunch.

This session will train school teams to:

1. analyze data to address student achievement;
2. learn effective tools and strategies to use multiple measures of data;
3. develop action plans to engage faculty in using data for school change;
4. understand study groups to implement HSTW key practices; and
5. collect ideas for sharing data results with colleagues, district leaders and the larger community to support school improvement.

Participants will learn how to use assessment results in making changes in school and classroom practice.

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#### **Pre-Conference: Counting on Your Fingers is Not Immoral**

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Presenter: John Mudore, Author, trainer, teacher, Christa McAuliffe Award Winner  
Making Math Matter Institute, Black Earth, WI

Sunday, November 16, 2003; 9:30 a.m. – 4:30 p.m.  
COST: \$130/person. Includes lunch,

This workshop provides teachers with hand-on lessons that make math accessible to every student. The information presented is easily integrated with middle school, high school, or special education curriculum.

Participants learn:

1. to stage concepts in real world settings that matter to kids
2. to teach math as a language to lead discussions so that students fully understand concepts

3. assessment techniques that measure learning
4. management strategies that make teaching math fun
5. to use hands-on materials and the language of math to teach fractions, decimals, percent, integers, and equations.

Participants receive two resource books written by the presenter that contain masters of hands-on lessons. A review and test are provided for each concept along with a cumulative exam which can be used as a placement test for algebra. The NCTM has given these books excellent reviews.

## Personal Conference Planner

<i>Sunday, November 16, 2003</i>		
Meetings:		
Registration:		3:00 p.m. – 7:00 p.m.
Exhibits	Windgate Hall	3:00 p.m. – 7:00 p.m.
Opening Session	“Status Quo is Unacceptable” – Dr. Michael Hosokawa	7:00 p.m. – 9:00 p.m.

<i>Monday, November 17, 2003</i>		
Breakfast	Windgate Hall	7:00 a.m. – 8:00 a.m.
Exhibits	Windgate Hall	7:30 a.m. – 7:00 p.m.
Breakout Sessions I:		8:00 a.m. – 8:50 a.m.
Second General Session	“Curriculum Alignment” – Janis Jordan “Understanding by Design” – Jay McTighe	9:00 a.m. – 10:15 a.m.
Break		10:15 a.m. – 11:00 a.m.
Breakout Sessions II:		11:00 a.m. – 11:50 a.m.
Lunch and Exhibits	Windgate Hall	11:50 a.m. – 1:00 p.m.
Third General Session	“Curriculum Alignment” – Janis Jordan “Understanding by Design” – Jay McTighe	1:00 p.m. – 2:15 p.m.
Break		2:15 p.m. – 3:00 p.m.
Breakout Sessions III:		3:00 p.m. – 3:50 p.m.
Carousels		4:00 p.m. – 5:00 p.m.
Networking Reception (with door prizes)	Windgate Hall	5:00 p.m. – 7:00 p.m.

<i>Tuesday, November 18, 2003</i>		
Breakfast	Windgate Hall	7:00 a.m. – 8:00 a.m.
Early Bird Breakout Sessions IV:		7:30 a.m. – 8:20 a.m.
Fourth General Session	“What is a Career Cluster?” – Kim Green	8:30 a.m. – 9:20 a.m.
Breakout Sessions V:		9:30 a.m. – 10:20 a.m.
Closing Session (with door prizes)	“Grow Deep – Not Just Tall” – Karen Kaiser-Clark	10:30 a.m. – 12:00 p.m.

# 2003 Building Bridges Conference:

## Building Quality Systems



### Registration Form (Please Print)

Name \_\_\_\_\_  
Organization/School \_\_\_\_\_  
Position/Title \_\_\_\_\_  
Billing Address \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_ ZIP \_\_\_\_\_  
Phone \_\_\_\_\_ Fax \_\_\_\_\_  
E-mail \_\_\_\_\_ (Used for registration confirmation)

#### Pre Conference:

- ☐ \$ 30 Using HSTW Assessment Data
- ☐ 130 Counting on Your Fingers is Not Immoral

#### Post Conference:

- ☐ \$150 Missouri Counselor Academy (includes all 3 sessions)

#### Late Registration (after October 24, 2003, or On-Site):

- ☐ \$165 Conference Only
- ☐ 83 Conference in conjunction with Missouri Counselor Academy (also check above)

Total \$ \_\_\_\_\_

***Receipt of registration will be confirmed.***

**NOTE: All requests for refund must be submitted in writing to CMSU prior to November 7, 2003.**

#### Payment must accompany registration form(s):

- ☐ Check/Money Order (Make payable to CMSU)
- ☐ Purchase Order No. \_\_\_\_\_

#### Mail or Fax to:

2003 Building Bridges Conference  
TR Gaines 302 – CMSU  
Warrensburg, MO 64093  
FAX: 660-543-8995

Questions? Contact: Barbara Harrison, 660-543-4451, [harrison@cmsu1.cmsu.edu](mailto:harrison@cmsu1.cmsu.edu).

Hotel Reservations: Contact Tan-Tar-A, 1-800-Tan-Tar-A (826-8272)  
Room Rate: \$79.40 (lodging tax included) per night, single or double occupancy  
ADA /Equal Opportunity Employer

8:00 a.m. Monday, November 17, 2003

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**Workshop A                      AA/CL                      Room 60**

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**The Survivor Show**

*Presenter: Judy Larson, St. Louis Community College/  
Tech Prep Consortium*

You're given one luxury—a mobile unit. How does this item improve your chances of survival? Who does the Tribal Council allow to stay on the Island of Innovation? Witness how biotechnology survived the challenge of developing a Mobile Tech Center that will take science and technology to the community.

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**Workshop B                      AA/CL                      Room 61**

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**Can Somebody Tell Me - What ARE Scenarios?**

*Presenter: Joyce MayIn-Smith, Director, Strategic Initiatives in  
Workforce and Human Development, EDC*

Scenario learning has become recognized as a critical component in preparing learners for success in our knowledge-based workplace. This session will review a variety of scenarios and share examples of instructional and assessment scenarios.

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**Workshop C                      AA/CL, HSTW                      Room 62**

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**Creating a Pre-engineering Academy**

*Presenter: Carolyn Helm, SREB, Director, Project Lead The Way*

Are you considering starting a pre-engineering academy? This workshop will guide participants through a step-by-step implementation process. Small learning communities that provide a focused program of study, along with a challenging sequence of academic and technical courses, prepare students to move easily from high school to the workplace and further study.

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**Workshop D                      HSTW, SI                      Room 63**

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**Making the Senior Year Count**

*Presenter: Alice Presson, HSTW, Director of Research*

Many times students plan to "slide" through their senior year. HSWT shows the importance and benefits of making the senior year a strong finish to the high school experience and transition to post-secondary plans.

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**Workshop E                      AA/CL                      Room 64**

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**Teaching Math in Context So All Can Learn**

*Presenter: John Mudore, Making Math Matter Institute*

Math skills and problem solving abilities are directly linked to career advancement. Explore how math can be taught so that everyone masters the skills necessary to succeed in any career. All students can learn math when concepts are presented in a context that matters to them using hands-on materials. Bring questions that you always wanted to know about math but were afraid to ask!

## Breakout Sessions

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**Workshop F                      HSTW, NCLB                      Room 70**

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**High Schools That Work Aligned with NCLB**

*Presenter: Scott Warren, HSTW, CSR Director*

HSTW programming provides a vehicle to address No Child Left Behind. Those connections will be identified and explained to enhance your ability to meet NCLB expectations.

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**Workshop G                      HSTW, D/A                      Room 71**

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**Get More in 2004! Preparing for the HSTW Assessment**

*Presenter: Catherine Dunham, SREB, Director of Assessments*

Get ready for the 2004 assessment. Find out how to organize and carry out the assessment and motivate students to do their best. Information on choosing a sample of students, matching courses for the transcript survey, and much more will be presented.

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**Workshop H                      CC, CP                      Room 72/73**

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**Implementing the Kuder® Career Planning System  
Statewide in Missouri**

*Presenters: Phil Harrington, President, National Career  
Assessment Services, Inc.; Brenda Russell, Director, Jefferson  
County Tech Prep Consortium*

Missouri is taking a leading role in career planning and development with the Kuder® Career Planning System. Tech Prep is sponsoring the system statewide in 2003-04 to assist student career planning, promote higher education, boost parental involvement, and enhance communication among secondary schools, post-secondary institutions, local workforce centers, and state agencies.

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**Workshop I                      D/A                      Room 74**

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**Using Environmental Education to Meet State Standards**

*Presenter: Joe Pitts, Missouri Department of Natural Resources*

Participants will experience selected activities from the "Project WET Curriculum and Activity Guide" along with an interactive discussion of the use of environmental education materials and methods to improve student performance on the MAP test.

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**Workshop J                      CC                      Room 75**

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**Building Career Clusters That Last**

*Presenter: Scott Snelson, US Office of Education-Utah, Director,  
Health Science Project*

The National Consortium on Health Science and Technology Education has developed a set of crucial components necessary for successful and sustainable cluster implementation. The components are generic in design and can be used to measure implementation for any career cluster. They will be presented in a hierarchical order, followed by measures that describe the expected practice for each component.

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8:00 a.m.	Monday, November 17, 2003
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<b>Workshop K</b>	<b>AA/CL, SI</b>	<b>Room 76/77</b>
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**Integration of Academics—Best Practices Projects**

*Presenters: Ruth Shafer, Mike Hirsch, Nancy Verseman, Danella Shaw, Maureen McManus, Judy Gunther  
Hazelwood School District*

The Hazelwood School District has been actively involved in the development of Integrated Academic Learning Teams for both their middle schools and high schools. See how a project was done at Hazelwood East that helped raise MAP scores. A new middle-school level team will talk about two innovative projects they have developed.

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11:00 a.m.	Monday, November 17, 2003
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<b>Workshop L (10:30-11:50)</b>	<b>AA/CL</b>	<b>Room 60</b>
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**Integrating Technical Communication Skills into the Curriculum**

*Presenter: Lisa Moretto, Senior Consultant, RGI Learning, Inc.*  
You don't have to be an English teacher to be able to teach students effective communication skills. This session will present methods teachers can apply directly to their current curriculum to integrate applied or technical communication skills into their classes. These skills will help students gain competency in communicating. The session will be interactive and practical.

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<b>Workshop M</b>	<b>AA/CL</b>	<b>Room 61</b>
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**Can Somebody Tell Me—What ARE Scenarios?**

*Presenter: Joyce MayIn-Smith, Director, Strategic Initiatives in Workforce and Human Development, EDC*

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<b>Workshop N</b>	<b>AA/CL</b>	<b>Room 62</b>
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<b>Workshop O</b>	<b>D/A, SI</b>	<b>Room 63</b>
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**Assessment from the DESE Perspective**

*Presenter: Sharon Schattgen, DESE, Coordinator, Curriculum Services*

MAP and NCLB are key drivers in assessing Missouri's students. A better understanding of how these fit together will be of benefit in preparing for future assessments

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<b>Workshop P</b>	<b>AA/CL</b>	<b>Room 64</b>
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**Teaching Math in Context So All Can Learn**

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<b>Workshop Q</b>	<b>HSTW, NCLB</b>	<b>Room 70</b>
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**High Schools That Work Aligned with NCLB**

*Presenter: Scott Warren, HSTW, CSR Director*

HSTW programming provides a vehicle to address No Child Left Behind. Those connections will be identified and explained to enhance your ability to meet NCLB expectations.

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<b>Workshop R</b>	<b>D/A, NCLB</b>	<b>Room 71</b>
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**Will Your Program Survive No Child Left Behind?**

*Presenter: Mike Willard, Executive Director, Show-Me Curriculum Administrators Association*

Participants will learn how to modify programs to meet expectations and improve student achievement. The process starts with correlating local curriculum and Missouri's new Grade Level Expectations (GLEs). Aligning curriculum with state assessment targets, appropriate use of test results, and justifying the need for your program will be demonstrated.

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<b>Workshop S</b>	<b>CC, CP</b>	<b>Room 72/73</b>
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**Kuder® Computer Laboratory**

*Sponsor: National Career Assessment Services, Inc.*

Hands-on exploration of the Kuder® Career Planning System

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<b>Workshop T</b>	<b>D/A, SI</b>	<b>Room 74</b>
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**What Does the Data Say?**

*Presenter: Tom Ogle, DESE, Director, School Core Data*

Learn how graduation and dropout rates are determined and what data are used. This session emphasizes strategies for accurate data reporting.

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<b>Workshop U</b>	<b>CC</b>	<b>Room 75</b>
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**Building Career Clusters That Last**

*Presenter: Scott Snelson, US. Office of Education-Utah  
Director, Health Science Project*

The National Consortium on Health Science and Technology Education has developed a set of crucial components necessary for successful and sustainable cluster implementation. The components are generic in design and can be used to measure implementation for any career cluster.

They will be presented in hierarchical order, followed by measures that describe the expected practice for each component.

<b>11:00 a.m.</b>	<b>Monday, November 17, 2003</b>	
<b>Workshop V</b>	<b>AA/CL, SI</b>	<b>Room 76/77</b>
<b>Integration of Academics—Best Practices Projects</b>		
<i>Presenters: Ruth Shafer, Mike Hursch, Nancy Verseman, Danella Shaw, Maureen McManus, Judy Gunther</i>		
<i>Hazelwood School District</i>		
The Hazelwood School District has been actively involved in the development of Integrated Academic Learning Teams for both their middle schools and high schools. See how a project was done at Hazelwood East that helped raise MAP scores. A new middle-school level team will talk about two innovative projects they have developed.		

<b>3:00 p.m.</b>	<b>Monday, November 17, 2003</b>	
<b>Workshop W</b>	<b>AA/CL</b>	<b>Room 60</b>
<b>Integrating Technical Communication Skills into the Curriculum</b>		
<i>Presenter: Lisa Moretto, Senior Consultant, RGI Learning, Inc.</i>		
You don't have to be an English teacher to be able to teach students effective communication skills. This session will present methods teachers can apply directly to their current curriculum to integrate applied or technical communication skills into their classes. These skills will help students gain competency in communicating. The session will be interactive and practical.		

<b>Workshop X</b>	<b>SI</b>	<b>Room 61</b>
<b>Web-Based Instructional Resources from IML:</b>		
<b>The Electronic Alignment Tool and Learning Communities</b>		
<i>Presenter: Dana Tannehill, Director, Instructional Materials Laboratory</i>		
This presentation will include an overview of IML's Electronic Alignment Tool as a web-based resource. IML's web-based Learning Communities, designed to collect and disseminate instructor knowledge (including the "tacit knowledge" of experienced teachers) will also be covered.		

<b>Workshop Y</b>	<b>AA/CL, HSTW</b>	<b>Room 62</b>
<b>Tech Prep on Steroids—The St. Louis Regional Academy of Engineering Technology</b>		
<i>Presenters: Paul Mackay, St. Louis Metropolitan Vocational-Technical Cooperative; Steve Long, St. Louis Community College</i>		
Find out how seven St. Louis high schools, St. Louis Community College, and the St. Louis County Economic Council are collaboratively developing a Regional Academy of Engineering Technology. The design includes rigorous technical coursework, increased math and science credits, collaborative teaching, student assessment data, transition strategies, and training for guidance counselors about opportunities in engineering technology.		

<b>Workshop Z</b>	<b>D/A, SI</b>	<b>Room 63</b>
<b>Assessment from the DESE Perspective</b>		
<i>Presenter: Sharon Schattgen, DESE, Coordinator, Curriculum Services</i>		
MAP and NCLB are key drivers in assessing Missouri's students. A better understanding of how these fit together will benefit in preparing for future assessments.		

<b>Workshop AA</b>	<b>NCLB</b>	<b>Room 64</b>
<b>DESE Perspective on NCLB</b>		
<i>Presenters: Randy Rook and Kay Bertels, DESE, Federal Grants Management</i>		
This is the legislation that has made us wonder what it means for education in Missouri. DESE has been examining the legislation and looking at how it will affect what we do in education to ensure that no child is left behind.		

<b>Workshop BB</b>	<b>D/A, HSTW</b>	<b>Room 70</b>
<b>Guides to Evaluate Student Work</b>		
<i>Presenter: Gail Anderson, HSTW, Coordinator, Summer Staff Development</i>		
Teaching and assessing may not improve if we don't look at what and how we are teaching. A comparison of rubrics that may be used school wide and the tuning protocol for critical friends groups can help enhance teaching as well as the learning process.		

<b>Workshop CC</b>	<b>D/A, SI</b>	<b>Room 71</b>
<b>Will Your Program Survive No Child Left Behind?</b>		
<i>Presenter: Mike Willard, Executive Director, Show-Me Curriculum Administrators Association</i>		
Participants will learn how to modify programs to meet expectations and improve student achievement. The process starts with correlating local curriculum and Missouri's new Grade Level Expectations (GLEs). Aligning curriculum with state assessment targets, appropriate use of test results, and justifying the need for your program will be demonstrated.		

<b>Workshop DD</b>	<b>CC, CP</b>	<b>Room 72/73</b>
<b>Kuder® Computer Laboratory</b>		
<i>Sponsor: National Career Assessment Services, Inc.</i>		
Hands-on exploration of the Kuder® Career Planning System.		

<b>Workshop EE</b>	<b>AA/CL</b>	<b>Room 74</b>
<b>What Does the Data Say?</b>		
<i>Presenter: Tom Ogle, DESE, Director, School Core Data</i>		
Learn how graduation and dropout rates are determined and what data are used. This session emphasizes strategies for accurate data reporting.		

**3:00 p.m. Monday, November 17, 2003**

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**Workshop FF AA/CL Room 75**

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**Electrifying Demos**

*Presenter: Roger Bergman, Jefferson City Public Schools*

This session will include a series of demonstrations designed to build students' interest and understanding of basic electricity principles. Appropriate for teachers of Grades 7-12.

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**Workshop GG HSTW, SI Room 76/77**

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**Teachers as Advisors**

*Presenter: Jan Struebing, Counselor/HSTW Coordinator  
Springdale (AR) High School*

This presentation comes from the school that was the original model for the HSTW Teachers as Advisors Program. Learn how to keep the program exciting, relevant and on target for students, teachers, and parents. This presentation is for middle grades to high school programs.

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**7:30 a.m. Tuesday, November 18, 2003**

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**Workshop HH SI Room 60**

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**Advantages of On-line Learning**

*Presenter: Emma Schleiss, EMS Educational Solutions*

A+nywhere curriculum software uses its powerful management and authoring tools to assess student abilities and prescribe lessons correlated to MAP, GED, Tera Nova, and other national and state standards. Teachers can create their own lesson plans and launch other third-party software for a totally customized plan.

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**Workshop II AA/CL Room 61**

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**How Sweet It Is--Math for the Sugartooth**

*Presenters: Amanda Bradshaw and Wendi Jessee; Mt. Vernon High School*

The way to your students' hearts is through their stomach! A multitude of methods for teaching various math skills using candy and fun foods hands-on and figuratively will be presented. You'll be using these the next day at school for graphing, probability, mean/median/mode/range, and much more!

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**Workshop JJ AA/CL, CP Room 62**

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**Tech Prep From the Beginning**

*Presenter: Mark Chambers, Moberly Area Community College*

What is Tech Prep? How does it impact your classroom? How does it impact your students? Tech Prep is a federal program designed to help students identify their career goals. Tech Prep is also workforce development. If you are new to the classroom or have limited knowledge about Tech Prep, this workshop is for you.

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**Workshop KK CC Room 63**

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**How Do Career Paths & Career Clusters Fit Together?**

*Presenters: Susie Cox and Barbara Harrison; Missouri Center for Career Education*

Let's not throw the baby out with the bath water—but look at how the career clusters enhance career paths. Career paths will be reviewed, and we will explore what career clusters offer to career planning and preparation.

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**Workshop LL D/A, CC Room 64**

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**Zap the Gaps—Using Assessment for Success!**

*Presenter: Heidi Speese, National Occupational Competency Testing Institute*

Meeting current and anticipated shortages in the workforce requires improved approaches to education, training, and retention practices. With over three decades of experience in designing and developing occupational competency assessments, NOCTI has helped customers define and measure the critical core competencies for a variety of occupations and employability skills. Assessment identifies the "GAP" for each individual to progress and be successful in the workforce—present and future.

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**Workshop MM SI Room 70**

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**Handheld Computers in the Classroom**

*Presenter: Stacey Franks, SuccessLink*

Handheld computers are being used in classrooms all over the U.S., and now, in some classrooms in Missouri. These computers (PDAs) are very powerful, inexpensive tools that schools can utilize to increase technology use in their districts. In this session, you will have the opportunity to experience several software programs and see classroom applications.

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**Workshop NN SI Room 71**

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**Success Strategies for the ELL Classroom**

*Presenter: Jan Stapinski, Northeast High School*

In the past ten years, the U.S. general school population has increased by 24%--the ELL population by 105%! This session will focus on the four keys to academic success in the ELL classroom as well as the psychological implications of the ELL student. Experience the ELL classroom firsthand, through an interactive group process, with strategies for success.

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**Workshop OO CC Room 72/73**

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**Kuder® Computer Laboratory**

*Sponsor: National Career Assessment Services, Inc.*

Hands-on exploration of the Kuder® Career Planning System

7:30 a.m. Tuesday, November 18, 2003

**Workshop PP CP Room 74**

**I'll Take Careers for 10!**

*Presenter: Michelene Moeller and Pamela Wilson; St. Louis Community College – Forest Park*

The Career Game offers an innovative and interesting method of getting students excited about making career choices based on their individual interests and talents while they learn through interactive and cooperative activities. Students learn the importance of work as a team member while utilizing independent thought.

**Workshop QQ CP Room 75**

**Take Control of Your Future**

*Presenter: Betty Brown, Missouri Department of Economic Development*

This presentation will cover the four major components of deciding on a career, i.e., knowledge, planning, flexibility, and completion. Labor market data focusing on the current economic situation (as well as projected economic factors such as growing/declining occupations) will be discussed. Goals will also be introduced to assist with the concepts of career paths and career clusters.

**Workshop RR AA/CL Room 76/77**

**Contextual Learning Models**

*Presenter: Billie Perrin, Missouri Center for Career Education*

We all know that “students learn better in context.” Knowing how to bring context to the learning situation can be a bit trickier. This session will explore project-based learning, problem-based learning, and service learning as models for enhancing your students’ opportunities to learn in “real world situations.”

9:30 a.m. Tuesday, November 18, 2003

**Workshop SS AA/CL Room 60**

**Integrating Technical Communication Skills into the Curriculum**

*Presenter: Lisa Moretto, Senior Consultant, RGI Learning, Inc.*

You don't have to be an English teacher to be able to teach students effective communications skills. This session will present methods that teachers can apply directly to their current curriculum to integrate applied or technical communication skills into their classes. These skills will help students gain competency in communicating. The session will be interactive and practical.

**Workshop TT AA/CL, SI Room 61**

**Great Expectations: Communication Arts**

*Presenters: Julian Kite, Robin Smith, and Jil Behr; St. James School District*

Application of Grade Level Expectations (GLE) to a tech prep class unit. This process will demonstrate cross-referencing GLE to a communications arts unit, and as a result, create a lesson plan that aligns with the Show-Me Standards, Annotated Frameworks, and GLE.

**Workshop UU AA/CL, HSTW Room 62**

**Tech Prep on Steroids—The St. Louis Regional Academy of Engineering Technology**

*Presenters: Paul Mackay, St. Louis Metropolitan Vocational Technical Cooperative; Steve Long, St. Louis Community College*  
Find out how seven St. Louis high schools, St. Louis Community College, and the St. Louis County Economic Council are collaborating to develop the Regional Academy of Engineering Technology. The design includes rigorous technical course work, student assessment data, transition strategies, and training for guidance counselors about opportunities in engineering technology.

**Workshop VV AA/CL Room 63**

**Lights, Camera, Action!**

*Presenter: Dan Wiebers, Princeton R-V High School*

Using screenplay video editing equipment, digital video cameras, and a healthy dose of student enthusiasm, Princeton High School implemented a successful student-produced news program called “Tiger 1”. This session will involve participants in making their own video covering newsworthy items and using screenplay technology. Be a star! Come to this session and help create a Building Bridges documentary.

**Workshop WW D/A, CC Room 64**

**Zap the Gaps—Using Assessment for Success!**

*Presenter: Heidi Speese, National Occupational Competency Testing Institute*

Meeting current and anticipated shortages in the workforce requires improved approaches to education, training, and retention practices. With over three decades of experience in designing and developing occupational competency assessments, NOCTI has helped customers define and measure the critical core competencies for a variety of occupations and employability skills. Assessment identifies the “GAP” for each individual to progress and be successful in the workforce—present and future.

**Workshop XX AA/CL Room 70**

**Let's Have a Factor Down!**

*Presenter: Nickolyn Russell, Hillsboro High School*

Do you teach factoring? Do your kids hate it? Does it take forever? Why not try it my way? We'll play “make and take” what you need, and have a “factor down.” So refresh your skills and have a week of lessons! Plus—learn the telephone method of factoring.



<b>Workshop YY</b>	<b>AA/CL</b>	<b>Room 71</b>
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**Increasing Academic Achievement & Technological Literacy: Pre-engineering Program of Study**

*Presenter: Doug Miller, DESE, Industrial & Engineering Technology*

Project Lead the Way (PLTW) is a high school pre-engineering program and/or a middle school technology program. It helps students learn about technology careers through project-based curriculum integrating math, science, and technology standards. This session will explain the PLTW program and show how schools may participate.

<b>Workshop ZZ</b>	<b>CC, CP</b>	<b>Room 72/73</b>
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**Kuder® Computer Laboratory**

*Sponsor: National Career Assessment Services, Inc.*

Hands-on exploration of the Kuder® Career Planning System

<b>Workshop AAA</b>	<b>CP</b>	<b>Room 74</b>
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**I'll Take Careers for 10!**

*Presenter: Michelene Moeller and Pamela Wilson; St. Louis Community College – Forest Park*

The Career Game offers an innovative and interesting method of getting students excited about making career choices based on their individual interests and talents while they learn through interactive and cooperative activities. Students learn the importance of work as a team member while utilizing independent thought.

<b>Workshop BBB</b>	<b>SI</b>	<b>Room 75</b>
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**TLC—The Learning Center, Hannibal High School**

*Presenters: Blane Mundle and Holly Wealer, Hannibal High School*

12 Hannibal School District opened its Alternative School 6-1/2 years ago to violent, disruptive, and abusive students. Since then it has evolved into much more. The Learning Center now includes Assets, OCS, GED Option, PSG, and Even Start. This presentation will address Hannibal High School At Risk programs and how they co-exist at TLC.

<b>Workshop CCC</b>	<b>CP, HSTW, SI</b>	<b>Room 76/77</b>
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**Teachers as Advisors**

*Presenter: Jan Struebing, Counselor/HSTW Coordinator*

*Springdale (AR) High School*

This presentation comes from the school that was the original model for the HSTW Teachers as Advisors Program. Learn how to keep the program exciting, relevant and on target for students, teachers, and parents. This presentation is for middle grades to high school programs.

**LEGEND**

AA/CL=Applied Academics/Contextual Learning; CC=Career Clusters; CP=Career Planning; D/A=Data/Assessment; HSTW=High Schools That Work; NCLB=No Child Left Behind; SI=School Improvement